

What is claimed is:

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1. A method for transmitting messages on a paging channel comprising the step of first transmitting data messages while transmitting overhead messages after delaying them by a predetermined period on a corresponding slot, if the total length of the overhead messages and the data messages exceeds one slot when the overhead messages are transmitted at a constant overhead message transmission period.

2. The method of claim 1, further comprising the steps of:

transmitting only the overhead messages to be transmitted while delaying the data messages by a next overhead message transmission period if the total length of the overhead messages and the data messages to be transmitted exceeds one slot and the corresponding slot is the last slot in a transmission period of the overhead messages; and

transmitting the data messages on a slot having the same number as that of the corresponding slot in the next overhead message transmission period.

3. The method of claim 1, further comprising the steps of:

delaying the overhead messages and the data messages to be transmitted by the next overhead message transmission period if

the overhead messages are delayed by the maximum delay time period set by a system; and

transmitting the data messages on a slot having the same number as that of the corresponding slot in the next overhead message transmission period.

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4. The method of claim 1, further comprising the step of informing terminal units in service in a corresponding sector or in an idle handoff state through a configuration change indicator (CCI) of a corrected quick paging channel whether system information has been changed.

5. The method of claim 1, wherein the overhead messages are all transmitted within one overhead message transmission period.

6. The method of claim 5, wherein the one overhead message transmission period is 16 slots.

7. The method of claim 1, wherein the overhead messages are transmitted per 2 slots.

8. A method for transmitting messages on a paging channel comprising the steps of:

first transmitting overhead messages while delaying data messages to be transmitted by a predetermined period, if the total length of the overhead messages and the data messages exceeds one slot when the overhead messages are transmitted at a constant overhead message transmission period; and

transmitting the data messages on a particular slot on which the overhead messages of a next overhead message transmission period are not transmitted.

9. The method of claim 8, wherein the delayed data messages are transmitted on the same slot number as that of a prior overhead message transmission period.

10. The method of claim 8, wherein the overhead messages are all transmitted within one overhead message transmission period in serial order.

11. The method of claim 10, wherein all of the overhead messages are transmitted periodically in every overhead message transmission period, the overhead messages are transmitted in a next overhead message transmission period.

12. The method of claim 10, wherein the one overhead message transmission period are 16 slots.

13. The method of claim 8, wherein the overhead messages are transmitted per two slots for all the slots.

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